

In the Claims

Please amend claims 1, 4-5, 7-11, and 15-16 . Please add new claims 17 and 18. The claims are as follows:

1. (Currently Amended) An electronic package, comprising:

an air wound coil comprising a wire bent into a plurality of sequential loops, wherein an adjustable space extends between ~~each sequential loop, and wherein the air wound coil does not~~ comprise a core successive loops of the plurality of sequential loops.

a plurality of terminals for attaching the air wound coil to a ~~dielectric substrate~~ circuit board;

~~placement means for placing and tuning of the air wound coil; said placement means~~ including a first surface of a material connected to the air wound coil ~~and a pick-and-place machine with a vacuum head for attachment to a second surface of the material, wherein the~~ surface of material is adapted to adjust a position of the plurality of sequential loops of the air wound coil for tuning the air wound coil, after the air wound coil is attached to the ~~dielectric~~ substrate circuit board.

(2-3 (Canceled))

4. (Currently Amended) The package of claim 1 in which the first surface of ~~the~~ material includes a portion which is removable from the air wound coil without damaging the air wound coil, so that the position of the plurality of sequential loops of the air wound coil can be changed to tune the air wound coil.

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5. (Currently Amended) The package of claim 1 in which the surface of material does not extend over all of the loops of the plurality of sequential loops of the air wound coil so that the position of the plurality of sequential loops, over which the material does not extend, can be changed by bending the air wound coil for tuning the air wound coil.

6. (Previously Amended) The package of claim 1 in which the material is a flexible material, and in which the flexible material is adapted to bend the plurality of sequential loops to adjust the position of the plurality of sequential loops for tuning the air wound coil without otherwise damaging the air wound coil.

7. (Currently Amended) the package of claim 1 in which the material is adapted to be degraded by exposure to a solvent used to wash the ~~dielectric substrate~~ circuit board after the air wound coil is connected to the ~~dielectric substrate~~ circuit board and in which the plurality of sequential loops are bent to adjust the position of the plurality of sequential loops for tuning the air wound coil.

8. (Currently Amended) The package of claim 7 in which the material is adapted to be degraded by exposing the material to water and at least a portion of the first surface of the material can be removed by exposing the first surface of the material to water.

9. (Currently Amended) The package of claim 1 in which the material is adapted to be degraded by heating the ~~dielectric substrate~~ circuit board, and in which the air wound coil is tuned after the

material is degraded.

10. (Currently Amended) The package of claim 9 in which the first surface of the material is adapted to flow when exposed to a soldering temperature of eutectic Pb/Sn alloy and in which at least one loop in the plurality of sequential loops is bendable for tuning the air wound coil after the first surface of the material flows.

11. (Currently Amended) The package of claim 9 in which the first surface the material is adapted to sublimate when exposed to a soldering temperature of eutectic Pb/Sn alloy and in which at least one loop in the plurality of sequential loops is bendable for tuning the air wound coil after the first surface of the material sublimates.

12. (Previously Amended) The package of claim 6 in which the material is adapted to be cut between each loop in the plurality of sequential loops of the air wound coil so that the position of at least one loop in the plurality of sequential loops can be adjusted to tune the air wound coil.

13-14 (Canceled)

15. (Currently Amended) The package of claim 1 in which:

the first surface of the material includes a portion which is removable from the air wound coil without damaging the air wound coil, so that the position of the plurality of sequential loops

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of the air wound coil can be changed to tune the air wound coil;

the surface of material does not extend over all loops of the plurality of sequential loops of the air wound coil so that the position of the plurality of sequential loops, over which the material does not extend, can be changed by bending the air wound coil for tuning the air wound coil;

the material is a flexible material, and in which the flexible material is adapted to bend the plurality of sequential loops to adjust the position of the plurality of sequential loops for tuning the air wound coil without otherwise damaging the air wound coil;

the material is adapted to be degraded by exposure to a solvent, wherein the solvent used to wash the ~~dielectric substrate~~ circuit board after the air wound coil is connected to the ~~dielectric substrate~~ circuit board, and wherein the plurality of sequential loops are bent to adjust the position of the plurality of sequential loops for tuning the air wound coil;

the material is adapted to be degraded by exposing the material to water and at least a portion of the first surface of the material can be removed by exposing the first surface of the material to water;

the material is adapted to be degraded by heating the ~~dielectric substrate~~ circuit board, and the air wound coil is tuned after the material is degraded;

the first surface of the material is adapted to flow when exposed to a soldering temperature of eutectic Pb/Sn alloy and in which at least one loop in the plurality of sequential loops is bendable for tuning the air wound coil after the first surface of the material flows;

the first surface the material is adapted to sublimate when exposed to a soldering temperature of eutectic Pb/Sn alloy and in which at least one loop in the plurality of sequential

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loops is bendable for tuning the air wound coil after the first surface of the material sublimates;

the material is adapted to be cut between the loops in the plurality of sequential loops of the air wound coil so that the position of at least one loop in the plurality of sequential loops of the loops of the air wound coil can be adjusted to tune the coil;

the material comprises a water soluble material;

the plurality of terminals comprise strait sections of the wire extending tangentially to the plurality of sequential loops of the air wound coil at the end of the air wound coil;

the wire is nearly pure copper;

the wire is between .05 mm and 1 mm in diameter;

a space between each of the consecutive loops of the plurality of sequential loops is between 1.1 and 20 times the diameter of the wire; and

a diameter of the each sequential loop of the plurality of sequential loops is between 10 and 100 times the diameter of the wire.

16. (Currently Amended) The package of claim 1 in which a space between each consecutive loops of the plurality of sequential loops is between 2 and 10 times a diameter of the wire.

17. (New) The package of claim 1, wherein the air wound coil is adapted to be picked up using a vacuum probe of a head of a pick-and-place machine such that the vacuum probe is coupled to the surface of material.

18. (New) The package of claim 1, wherein the air wound coil does not comprise a core.
